



PATENT APPLICATION

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1/14/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Group Art Unit: 1714

Akio ITO et al.

Application No.: 09/824,050

Examiner: C. Shosho

Filed: April 3, 2001

Docket No.: 109135

For: IONIZING RADIATION CURABLE INK FOR INK JET PRINTING AND PRINTED  
PRODUCT OF THE SAME

AMENDMENT

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

RECEIVED  
DEC 31 2002  
TC 1700

In reply to the July 3, 2002 Office Action, please amend the above-identified  
application as follows:

IN THE CLAIMS:

Please cancel claims 3-6 and 9-11 without prejudice to or disclaimer of the subject  
matter contained therein.

Please replace claims 1, 2, 7 and 8 as follows:

1. (Twice Amended) An ink comprising:

at least a colorant; and

a resin liquid containing either at least a photoreactive monofunctional  
monomer or at least a photoreactive bifunctional monomer, wherein said monofunctional  
monomer comprises at least one acrylate selected from the group consisting of hydroxybutyl  
acrylate, isobonyl methacrylate, diethyleneglycol methacrylate, and said bifunctional  
monomer comprises either nonanediol diacrylate or diethyleneglycol diacrylate or both.

2. (Amended) An ink comprising:

at least a colorant; and

B1

B2